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Container and applicator for fluid product - has applicator made from absorbent cellular material with tip which projects from container when cap is removed

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Patent Family:

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EP 872193	A1	19981021	EP 98400649	A	19980319	199846 B
FR 2761959	A1	19981016	FR 974624	A	19970415	199847
CA 2233402	A	19981015	CA 2233402	A	19980414	199912
JP 11011512	A	19990119	JP 98103059	A	19980414	199913
CN 1203175	A	19981230	CN 98102931	A	19980414	199920

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Patent Details:

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Abstract (Basic): EP 872193 A

The assembly (1) consists of a container (2) for the product (P), with an aperture (8) closed and sealed by a cap (5), and an applicator (10) which has one end (13) in constant contact with the fluid and its other end (14) forming an applying tip (15). The applicator is made from an absorbent material with open cells which have a mean size of between 200 mcm and 3 mm and preferably between 700 mcm and 2 mm or between 0.1 mm and 1.5 mm, and is at least partially compressed inside the container. The applicator is made at least partly from a foam material such as polyurethane, polyethylene, PVC, polyether, polyester, or natural or synthetic rubber and can also be made partly from a fritted material such as PVC, ethylene vinyl acetate or felt.

USE - Used as cosmetics such as nail varnish or lip gloss, or oil or correcting fluid.

ADVANTAGE - Convenient and simple to use, with applicator which does not dry out, and economical to manufacture.

Dwg.1C/9

Title Terms: CONTAINER; APPLY; FLUID; PRODUCT; APPLY; MADE; ABSORB; CELLULAR; MATERIAL; TIP; PROJECT; CONTAINER; CAP; REMOVE

Derwent Class: A96; P24; P42; Q33; Q34

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002 018; R00326 G0044 G0033 G0022 D01 D02 D12 D10 D51 D53 D58 D82; H0000; S9999 S1309-R; P1150 ; P1161

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006 018; R00326 G0044 G0033 G0022 D01 D02 D12 D10 D51 D53 D58 D82; R00835 G0566 G0022 D01 D11 D10 D12 D51 D53 D58 D63 D84 F41 F89; H0022 H0011; S9999 S1230 S1229 S1070; S9999 S1183 S1161 S1070; P1150 ; P1310

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008 018; R00338 G0544 G0022 D01 D12 D10 D51 D53 D58 D69 D82 CI 7A; H0000; S9999 S1230 S1229 S1070; S9999 S1183 S1161 S1070; P1796 P1809

009 018; ND01; Q9999 Q9176 Q9165; Q9999 Q9370; B9999 B3383-R B3372; Q9999 Q8399-R Q8366; Q9999 Q8388 Q8366; B9999 B5221 B4740; K9416

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